

## Table ENG-4. - Building Site Development

Greenbrier County, West Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AIB: Allegheny	80	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
AIC: Allegheny	80	Somewhat limited Slope	0.63	Somewhat limited Slope Cutbanks cave	0.63 0.10	Somewhat limited Slope	0.63
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
An: Atkins	35	Very limited Depth to saturated zone Frost action Flooding	1.00 1.00 1.00	Very limited Depth to saturated zone Cutbanks cave Flooding	1.00 1.00 0.80	Very limited Flooding Depth to saturated zone	1.00 1.00
Philo	30	Very limited Flooding Frost action Depth to saturated zone	1.00 0.50 0.03	Very limited Cutbanks cave Depth to saturated zone Depth to hard	1.00 1.00 1.00	Somewhat limited Flooding Depth to saturated zone Content of large stones	0.60 0.03 <0.01
Potomac	20	Somewhat limited Flooding	0.40	Very limited Cutbanks cave	1.00	Very limited Droughty Gravel content Content of large stones	1.00 0.98 0.20
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
BaE: Belmont	75	Very limited Slope Shrink-swell Frost action	1.00 0.50 0.50	Very limited Slope Depth to hard Cutbanks cave	1.00 0.42 0.10	Very limited Slope	1.00

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BaE: Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
BcC: Berks	80	Somewhat limited Slope	0.04	Somewhat limited Depth to soft Cutbanks cave Slope	0.46 0.10 0.04	Somewhat limited Droughty Content of large stones Depth to bedrock	0.98 0.95 0.46
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
BcE: Berks	75	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Droughty Content of large stones	1.00 0.98 0.95
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
BcF: Berks	75	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Droughty Content of large stones	1.00 0.98 0.95
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
BkG: Berks	35	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Droughty Content of large stones	1.00 0.98 0.95
Weikert	25	Very limited Slope Depth to soft Frost action	1.00 1.00 0.50	Very limited Depth to soft Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BkG: Calvin	20	Very limited Slope Frost action	1.00 0.50	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Depth to bedrock Content of large stones	1.00 0.46 0.16
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
BIC: Berks	60	Somewhat limited Slope	0.04	Somewhat limited Depth to soft Cutbanks cave Slope	0.46 0.10 0.04	Somewhat limited Droughty Content of large stones Depth to bedrock	0.98 0.95 0.46
Dekalb	30	Somewhat limited Depth to hard Slope	0.46 0.04	Very limited Depth to hard Cutbanks cave Slope	1.00 0.10 0.04	Somewhat limited Content of large stones Droughty Depth to bedrock	0.84 0.76 0.46
Other Soils	10	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
BIE: Berks	55	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Droughty Content of large stones	1.00 0.98 0.95
Dekalb	35	Very limited Slope Depth to hard	1.00 0.46	Very limited Depth to hard Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Content of large stones Droughty	1.00 0.84 0.76
Other Soils	10	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
BIF: Berks	45	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Droughty Content of large stones	1.00 0.98 0.95

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BIF: Dekalb	40	Very limited Slope Depth to hard	1.00 0.46	Very limited Depth to hard Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Content of large stones Droughty	1.00 0.84 0.76
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
BrE: Berks	50	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Droughty Depth to bedrock	1.00 0.98 0.46
Weikert	35	Very limited Slope Depth to soft Frost action	1.00 1.00 0.50	Very limited Depth to soft Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
BrF: Berks	50	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Droughty Depth to bedrock	1.00 0.98 0.46
Weikert	35	Very limited Slope Depth to soft Frost action	1.00 1.00 0.50	Very limited Depth to soft Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
BtC: Blackthorn	75	Somewhat limited Slope	0.04	Somewhat limited Cutbanks cave Too clayey Slope	0.10 0.06 0.04	Somewhat limited Content of large stones Slope	0.92 0.04
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
BtE:							

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BtE: Blackthorn	75	Very limited Slope	1.00	Very limited Slope Cutbanks cave Too clayey	1.00 0.10 0.06	Very limited Slope Content of large stones	1.00 0.92
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
BxF: Briery	70	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope Gravel content Content of large stones	1.00 0.98 0.05
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Rock Outcrop	15	Not Rated		Not Rated		Not Rated	
CbC: Calvin	45	Somewhat limited Frost action Slope	0.50 0.04	Somewhat limited Depth to soft Cutbanks cave Slope	0.46 0.10 0.04	Somewhat limited Depth to bedrock Content of large stones Droughty	0.46 0.16 0.08
Dekalb	25	Somewhat limited Depth to hard Slope	0.46 0.04	Very limited Depth to hard Cutbanks cave Slope	1.00 0.10 0.04	Somewhat limited Content of large stones Droughty Depth to bedrock	0.84 0.76 0.46
Berks	20	Somewhat limited Slope	0.04	Somewhat limited Depth to soft Cutbanks cave Slope	0.46 0.10 0.04	Somewhat limited Droughty Content of large stones Depth to bedrock	0.98 0.95 0.46
Other Soils	10	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CbE: Calvin	35	Very limited Slope Frost action	1.00 0.50	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Depth to bedrock Content of large stones	1.00 0.46 0.16

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CbE: Dekalb	30	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard	1.00	Slope	1.00
		Depth to hard	0.46	Slope	1.00	Content of large	0.84
Berks	20	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft	0.46	Droughty	0.98
Other Soils	15	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10		
CbF: Calvin	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to soft	0.46	Depth to bedrock	0.46
Dekalb	25	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard	1.00	Slope	1.00
		Depth to hard	0.46	Slope	1.00	Content of large	0.84
Berks	20	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft	0.46	Droughty	0.98
Other Soils	20	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10		
CeF: Caneyville	40	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard	1.00	Slope	1.00
		Shrink-swell	0.50	Slope	1.00	Depth to bedrock	0.46
Frederick	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Cutbanks cave	1.00	Gravel content	0.36
		Frost action	0.50	Too clayey	1.00	Content of large	<0.01
						stones	

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CeF: Rock Outcrop	20	Not Rated		Not Rated		Not Rated	
Other Soils	10	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CfB: Cateache	85	Somewhat limited Shrink-swell Frost action	0.50 0.50	Somewhat limited Depth to soft Cutbanks cave	0.46 0.10	Somewhat limited Depth to bedrock Gravel content Content of large stones	0.46 <0.01 <0.01
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CfC: Cateache	85	Somewhat limited Slope Shrink-swell Frost action	0.63 0.50 0.50	Somewhat limited Slope Depth to soft Cutbanks cave	0.63 0.46 0.10	Somewhat limited Slope Depth to bedrock Gravel content	0.63 0.46 <0.01
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CfD: Cateache	85	Very limited Slope Shrink-swell Frost action	1.00 0.50 0.50	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Depth to bedrock Gravel content	1.00 0.46 <0.01
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CfE: Cateache	85	Very limited Slope Shrink-swell Frost action	1.00 0.50 0.50	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Content of large stones Depth to bedrock	1.00 0.84 0.46
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CfF:							

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CfF: Cateache	85	Very limited Slope Shrink-swell Frost action	1.00 0.50 0.50	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Content of large stones Depth to bedrock	1.00 0.84 0.46
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CgC: Cateache	85	Somewhat limited Shrink-swell Frost action Slope	0.50 0.50 0.04	Somewhat limited Depth to soft Cutbanks cave Slope	0.46 0.10 0.04	Somewhat limited Content of large stones Depth to bedrock Slope	0.84 0.46 0.04
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CgE: Cateache	85	Very limited Slope Shrink-swell Frost action	1.00 0.50 0.50	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Content of large stones Depth to bedrock	1.00 0.84 0.46
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CgF: Cateache	85	Very limited Slope Shrink-swell Frost action	1.00 0.50 0.50	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Content of large stones Depth to bedrock	1.00 0.84 0.46
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Ch: Chavies	85	Somewhat limited Flooding	0.40	Somewhat limited Cutbanks cave	0.10	Not limited	
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CpB:							



**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CpB: Cookport	80	Somewhat limited Frost action Depth to saturated zone	0.50 0.19	Very limited Depth to saturated zone Cutbanks cave Depth to hard	1.00 0.10 0.05	Somewhat limited Depth to saturated zone	0.19
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CuB: Culleoka	90	Not limited		Somewhat limited Depth to soft Cutbanks cave	0.46 0.10	Somewhat limited Depth to bedrock	0.46
Other Soils	10	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CuC: Culleoka	85	Somewhat limited Slope	0.63	Somewhat limited Slope Depth to soft Cutbanks cave	0.63 0.46 0.10	Somewhat limited Slope Depth to bedrock	0.63 0.46
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CuD: Culleoka	85	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Depth to bedrock	1.00 0.46
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CyE: Culleoka	80	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Depth to bedrock	1.00 0.46
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CyF:							

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CyF: Culleoka	75	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Depth to bedrock	1.00 0.46
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
DeC: Dekalb	75	Somewhat limited Depth to hard Slope	0.46 0.04	Very limited Depth to hard Cutbanks cave Slope	1.00 0.10 0.04	Somewhat limited Content of large stones Droughty Depth to bedrock	0.84 0.76 0.46
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
DeE: Dekalb	75	Very limited Slope Depth to hard	1.00 0.46	Very limited Depth to hard Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Content of large stones Droughty	1.00 0.84 0.76
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
DeF: Dekalb	75	Very limited Slope Depth to hard	1.00 0.46	Very limited Depth to hard Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Content of large stones Droughty	1.00 0.84 0.76
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
DhC: Dekalb	55	Somewhat limited Depth to hard Slope	0.46 0.04	Very limited Depth to hard Cutbanks cave Slope	1.00 0.10 0.04	Somewhat limited Content of large stones Droughty Depth to bedrock	0.84 0.76 0.46

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
DhC: Hazleton	35	Somewhat limited Frost action Content of large stones Slope	0.50 0.04  0.04	Somewhat limited Depth to hard Cutbanks cave Content of large stones	1.00 0.10 0.04	Somewhat limited Content of large stones Gravel content Slope	0.20  0.09 0.04
Other Soils	10	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
DhE: Dekalb	55	Very limited Slope Depth to hard	1.00 0.46	Very limited Depth to hard Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Content of large stones Droughty	1.00 0.84 0.76
Hazleton	35	Very limited Slope Frost action Content of large stones	1.00 0.50 0.04	Very limited Slope Depth to hard Cutbanks cave	1.00 1.00 0.10	Very limited Slope Content of large stones Gravel content	1.00 0.20 0.09
Other Soils	10	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
DhF: Dekalb	55	Very limited Slope Depth to hard	1.00 0.46	Very limited Depth to hard Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Content of large stones Droughty	1.00 0.84 0.76
Hazleton	35	Very limited Slope Frost action Content of large stones	1.00 0.50 0.04	Very limited Slope Depth to hard Cutbanks cave	1.00 1.00 0.10	Very limited Slope Content of large stones Gravel content	1.00 0.20 0.09
Other Soils	10	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
DkF: Dekalb	45	Very limited Slope Depth to hard	1.00 0.46	Very limited Depth to hard Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Content of large stones Droughty	1.00 0.84 0.76

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
DkF: Rock Outcrop	40	Not Rated		Not Rated		Not Rated	
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Du: Dunning	85	Very limited Depth to saturated zone Flooding Shrink-swell	1.00 1.00 0.50	Very limited Depth to saturated zone Flooding Too clayey	1.00 0.60 0.28	Very limited Depth to saturated zone Flooding	1.00 0.60
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
EIF: Elliber	80	Very limited Slope Frost action Content of large stones	1.00 0.50 <0.01	Very limited Slope Cutbanks cave Content of large stones	1.00 0.10 <0.01	Very limited Slope Gravel content Content of large stones	1.00 1.00 0.03
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
ErB: Ernest	80	Somewhat limited Shrink-swell Frost action Depth to saturated zone	0.50 0.50 0.03	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone Content of large stones	0.03 <0.01
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
EsC: Ernest	75	Somewhat limited Shrink-swell Frost action Slope	0.50 0.50 0.04	Very limited Depth to saturated zone Cutbanks cave Slope	1.00 0.10 0.04	Very limited Content of large stones Slope Depth to saturated zone	1.00 0.04 0.03
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
FaE:							

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
FaE: Faywood	75	Very limited Slope Shrink-swell Depth to hard	1.00 0.50 0.46	Very limited Depth to hard Slope Too clayey	1.00 1.00 0.28	Very limited Slope Depth to bedrock Content of large stones	1.00 0.46 0.03
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
FaF: Faywood	75	Very limited Slope Shrink-swell Depth to hard	1.00 0.50 0.46	Very limited Depth to hard Slope Too clayey	1.00 1.00 0.28	Very limited Slope Depth to bedrock Content of large stones	1.00 0.46 0.03
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
FkB: Frankstown	75	Somewhat limited Shrink-swell Frost action	0.50 0.50	Somewhat limited Depth to hard Cutbanks cave	1.00 0.10	Not limited	
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
FkC: Frankstown	75	Somewhat limited Slope Shrink-swell Frost action	0.63 0.50 0.50	Somewhat limited Depth to hard Slope Cutbanks cave	1.00 0.63 0.10	Somewhat limited Slope	0.63
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
FkD: Frankstown	75	Very limited Slope Shrink-swell Frost action	1.00 0.50 0.50	Very limited Slope Depth to hard Cutbanks cave	1.00 1.00 0.10	Very limited Slope	1.00
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
FoC:							

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
FoC: Frankstown	75	Somewhat limited Shrink-swell Frost action Slope	0.50 0.50 0.04	Somewhat limited Depth to hard Cutbanks cave Slope	1.00 0.10 0.04	Somewhat limited Slope	0.04
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
FoE: Frankstown	75	Very limited Slope Shrink-swell Frost action	1.00 0.50 0.50	Very limited Slope Depth to hard Cutbanks cave	1.00 1.00 0.10	Very limited Slope	1.00
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
FrB: Frederick	80	Very limited Shrink-swell Frost action	1.00 0.50	Very limited Too clayey Cutbanks cave	1.00 0.10	Somewhat limited Gravel content Content of large stones	0.36 <0.01
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
FrC: Frederick	80	Very limited Shrink-swell Slope Frost action	1.00 0.63 0.50	Very limited Too clayey Slope Cutbanks cave	1.00 0.63 0.10	Somewhat limited Slope Gravel content Content of large stones	0.63 0.36 <0.01
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
FrD: Frederick	80	Very limited Slope Shrink-swell Frost action	1.00 1.00 0.50	Very limited Slope Too clayey Cutbanks cave	1.00 1.00 0.10	Very limited Slope Gravel content Content of large stones	1.00 0.36 <0.01
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
FyC: Frederick	45	Very limited Shrink-swell Frost action Slope	1.00 0.50 0.04	Very limited Too clayey Cutbanks cave Slope	1.00 0.10 0.04	Somewhat limited Gravel content Slope Content of large stones	0.36 0.04 <0.01
Caneyville	35	Somewhat limited Shrink-swell Depth to hard Slope	0.50 0.46 0.04	Very limited Depth to hard Too clayey Cutbanks cave	1.00 0.50 0.10	Somewhat limited Depth to bedrock Slope Droughty	0.46 0.04 0.04
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
FyE: Caneyville	40	Very limited Slope Shrink-swell Frost action	1.00 0.50 0.50	Very limited Depth to hard Slope Too clayey	1.00 1.00 0.50	Very limited Slope Depth to bedrock Droughty	1.00 0.46 0.05
Frederick	40	Very limited Slope Shrink-swell Frost action	1.00 1.00 0.50	Very limited Slope Too clayey Cutbanks cave	1.00 1.00 0.10	Very limited Slope Gravel content Content of large stones	1.00 0.36 <0.01
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
GaC: Gauley	85	Somewhat limited Frost action Depth to hard Content of large stones	0.50 0.46 0.14	Very limited Depth to hard Content of large stones Cutbanks cave	1.00 0.14 0.10	Very limited Content of large stones Depth to bedrock Droughty	1.00 0.46 0.25
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
GaE: Gauley	80	Very limited Slope Frost action Depth to hard	1.00 0.50 0.46	Very limited Depth to hard Slope Content of large stones	1.00 1.00 0.14	Very limited Slope Content of large stones Depth to bedrock	1.00 1.00 0.46

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
GaE: Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
GnC: Gilpin	75	Somewhat limited Slope Frost action	0.63 0.50	Somewhat limited Slope Depth to soft Cutbanks cave	0.63 0.46 0.10	Somewhat limited Slope Depth to bedrock	0.63 0.46
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
GnD: Gilpin	75	Very limited Slope Frost action	1.00 0.50	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Depth to bedrock	1.00 0.46
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
GpC: Gilpin	75	Somewhat limited Frost action Slope	0.50 0.04	Somewhat limited Depth to soft Cutbanks cave Slope	0.46 0.10 0.04	Somewhat limited Content of large stones Depth to bedrock Slope	0.92 0.46 0.04
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
GpE: Gilpin	75	Very limited Slope Frost action	1.00 0.50	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Content of large stones Depth to bedrock	1.00 0.92 0.46
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Ho:							



**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ho: Holly	90	Very limited Depth to saturated zone Frost action Flooding	1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.80 0.10	Very limited Flooding Depth to saturated zone	1.00 1.00
Other Soils	10	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
KxF: Kaymine	70	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope Content of large stones Gravel content	1.00 0.84 0.70
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Rock Outcrop	15	Not Rated		Not Rated		Not Rated	
LcC: Leatherbark	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Very limited Depth to saturated zone Content of large stones	1.00 0.03
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
LgB: Lily	85	Somewhat limited Depth to hard	0.46	Very limited Depth to hard Cutbanks cave	1.00 0.10	Somewhat limited Depth to bedrock	0.46
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
LgC: Lily	85	Somewhat limited Slope Depth to hard	0.63 0.46	Very limited Depth to hard Slope Cutbanks cave	1.00 0.63 0.10	Somewhat limited Slope Depth to bedrock	0.63 0.46

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
LgC: Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
LhE: Lily	80	Very limited Slope Depth to hard	1.00 0.46	Very limited Depth to hard Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Depth to bedrock	1.00 0.46
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Lo: Lobdell	75	Very limited Frost action Flooding	1.00 1.00	Somewhat limited Depth to saturated zone Flooding Cutbanks cave	0.99 0.60 0.10	Somewhat limited Flooding	0.60
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
MaB: Macove	85	Somewhat limited Frost action Content of large stones	0.50 0.39	Very limited Cutbanks cave Content of large stones	1.00 0.39	Very limited Gravel content Content of large stones	1.00 0.20
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
MaC: Macove	85	Somewhat limited Slope Frost action Content of large stones	0.63 0.50 0.39	Very limited Cutbanks cave Slope Content of large stones	1.00 0.63 0.39	Very limited Gravel content Slope Content of large stones	1.00 0.63 0.20
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
MaD:							

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MaD: Macove	80	Very limited Slope Frost action Content of large stones	1.00 0.50 0.39	Very limited Slope Cutbanks cave Content of large stones	1.00 1.00 0.39	Very limited Slope Gravel content Content of large stones	1.00 1.00 0.20
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
McC: Macove	80	Somewhat limited Frost action Slope	0.50 0.04	Somewhat limited Cutbanks cave Slope	0.10 0.04	Very limited Gravel content Content of large stones Slope	1.00 0.12 0.04
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
McE: Macove	75	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope Gravel content Content of large stones	1.00 1.00 0.12
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
MeF: Macove	55	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope Gravel content Content of large stones	1.00 1.00 0.12
Gilpin	30	Very limited Slope Frost action	1.00 0.50	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Content of large stones Depth to bedrock	1.00 0.92 0.46
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
MkC:							

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MkC: Mandy	85	Somewhat limited Slope	0.04	Somewhat limited Depth to soft Cutbanks cave Slope	0.46 0.10 0.04	Somewhat limited Droughty Content of large stones Depth to bedrock	0.95 0.84 0.46
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
MkE: Mandy	80	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Droughty Content of large stones	1.00 0.95 0.84
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
MkF: Mandy	80	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Droughty Content of large stones	1.00 0.96 0.84
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
MkG: Mandy	80	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Droughty Content of large stones	1.00 0.96 0.84
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
MI: Melvin	50	Very limited Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.60 0.10	Very limited Depth to saturated zone Flooding	1.00 0.60

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MI: Lindside	35	Very limited Frost action Flooding Depth to saturated zone	1.00 1.00 0.03	Very limited Cutbanks cave Depth to saturated zone Flooding	1.00 1.00 0.60	Somewhat limited Flooding Depth to saturated zone	0.60 0.03
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
MzC: Mertz	75	Somewhat limited Slope Frost action	0.63 0.50	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope Content of large stones Gravel content	0.63 0.20 0.09
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
MzE: Mertz	75	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope Content of large stones Gravel content	1.00 0.20 0.09
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
No: Nolin	80	Very limited Flooding	1.00	Somewhat limited Flooding Depth to saturated zone Cutbanks cave	0.60 0.35 0.10	Somewhat limited Flooding	0.60
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Ph: Philo	75	Very limited Flooding Frost action Depth to saturated zone	1.00 0.50 0.03	Very limited Cutbanks cave Depth to saturated zone Depth to hard	1.00 1.00 1.00	Somewhat limited Flooding Depth to saturated zone Content of large stones	0.60 0.03 <0.01

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ph: Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Po: Pope	75	Very limited Flooding Frost action	1.00 0.50	Somewhat limited Flooding Cutbanks cave	0.60 0.10	Somewhat limited Flooding	0.60
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Pt: Potomac	80	Somewhat limited Flooding	0.40	Very limited Cutbanks cave	1.00	Very limited Droughty Gravel content Content of large stones	1.00 0.98 0.20
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
PuA: Purdy	80	Very limited Depth to saturated zone Frost action Shrink-swell	1.00 1.00 0.50	Very limited Depth to saturated zone Cutbanks cave Too clayey	1.00 0.10 0.03	Very limited Depth to saturated zone	1.00
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Qu: Quarry	80	Not Rated		Not Rated		Not Rated	
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Se: Sensabaugh	80	Very limited Flooding	1.00	Very limited Cutbanks cave Flooding Depth to saturated zone	1.00 0.60 0.15	Somewhat limited Flooding	0.60

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Se: Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
SfB: Shouns	85	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
SfC: Shouns	85	Somewhat limited Slope	0.63	Somewhat limited Slope Cutbanks cave	0.63 0.10	Somewhat limited Slope	0.63
Other Soils	15	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
ShC: Shouns	80	Somewhat limited Frost action Slope	0.50 0.04	Somewhat limited Cutbanks cave Slope	0.10 0.04	Somewhat limited Content of large stones Slope	0.92 0.04
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
ShE: Shouns	75	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope Content of large stones	1.00 0.92
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
ShF: Shouns	75	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope Content of large stones	1.00 0.92
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
SmC: Simoda	75	Somewhat limited Frost action Depth to saturated zone Slope	0.50 0.19 0.04	Very limited Depth to saturated zone Cutbanks cave Depth to hard	1.00 0.10 0.05	Very limited Content of large stones Depth to saturated zone Slope	1.00 0.19 0.04
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
SoC: Snowdog	75	Somewhat limited Frost action Depth to saturated zone Slope	0.50 0.19 0.04	Very limited Depth to saturated zone Cutbanks cave Slope	1.00 0.10 0.04	Somewhat limited Content of large stones Depth to saturated zone Slope	0.99 0.19 0.04
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
SoE: Snowdog	75	Very limited Slope Frost action Depth to saturated zone	1.00 0.50 0.19	Very limited Slope Depth to saturated zone Cutbanks cave	1.00 1.00 0.10	Very limited Slope Content of large stones Depth to saturated zone	1.00 0.99 0.19
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
SoF: Snowdog	75	Very limited Slope Frost action Depth to saturated zone	1.00 0.50 0.19	Very limited Slope Depth to saturated zone Cutbanks cave	1.00 1.00 0.10	Very limited Slope Content of large stones Depth to saturated zone	1.00 0.99 0.19
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
SvC:							



**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
SvC: Summers	75	Somewhat limited Depth to hard Frost action	0.84 0.50	Very limited Depth to hard Depth to saturated zone Cutbanks cave	1.00 0.35 0.10	Somewhat limited Depth to bedrock Gravel content Droughty	0.84 0.60 0.45
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Tp: Tioga	55	Very limited Flooding Frost action	1.00 0.50	Somewhat limited Flooding Depth to saturated zone Cutbanks cave	0.60 0.35 0.10	Somewhat limited Flooding	0.60
Potomac	35	Somewhat limited Flooding	0.40	Very limited Cutbanks cave	1.00	Very limited Droughty Gravel content Content of large stones	1.00 0.98 0.20
Other Soils	10	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
TrC: Trussel	80	Very limited Depth to saturated zone Frost action Slope	1.00 1.00 0.04	Very limited Depth to saturated zone Cutbanks cave Slope	1.00 0.10 0.04	Very limited Depth to saturated zone Content of large stones Slope	1.00 0.84 0.04
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Uf: Udfluvents	45	Very limited Low strength	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
Fluvaquents	35	Very limited Low strength	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Ux:							

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ux: Udorthents	60	Very limited Low strength Slope	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Rock Outcrop	35	Not Rated		Not Rated		Not Rated	
Other Soils	5	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
W: Water	100	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
W: Water	100	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
WeC: Weikert	80	Somewhat limited Depth to soft Slope Frost action	1.00 0.63 0.50	Very limited Depth to soft Slope Cutbanks cave	1.00 0.63 0.10	Very limited Depth to bedrock Droughty Gravel content	1.00 1.00 0.92
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
WeD: Weikert	75	Very limited Slope Depth to soft Frost action	1.00 1.00 0.50	Very limited Depth to soft Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
WeF: Weikert	75	Very limited Slope Depth to soft Frost action	1.00 1.00 0.50	Very limited Depth to soft Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
Other Soils	25	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
WrG:							

**Table ENG-4. - Building Site Development - Continued**

Greenbrier County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WrG: Weikert	40	Very limited Slope Depth to soft Frost action	1.00 1.00 0.50	Very limited Depth to soft Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
Berks	35	Very limited Slope	1.00	Very limited Slope Depth to soft Cutbanks cave	1.00 0.46 0.10	Very limited Slope Droughty Content of large stones	1.00 0.98 0.95
Rough	15	Very limited Depth to hard Slope Frost action	1.00 1.00 0.50	Very limited Depth to hard Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
Other Soils	10	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
ZoA: Zoar	80	Somewhat limited Shrink-swell Frost action Depth to saturated zone	0.50 0.50 0.19	Very limited Depth to saturated zone Cutbanks cave Too clayey	1.00 0.10 0.03	Somewhat limited Depth to saturated zone	0.19
Other Soils	20	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00